

Technical Specification of Ink

ECOO-IN-F



EcooGraphix

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| Type | ECOO-IN-F |
| Features | Printing speed: 8,000rph-10,000rph Environment friendly Good water/ink balance Rich in printing layer Clear and complete in printing dots Quick-drying performance, quick setting, quick turn |
| Packing | 1 or 2.5 kg/tin |
| Shelf Life | 3 years(from the production date); product against light and humidity |
| Application | ECOO-IN-F printing ink is suitable for printing packaging, advertisement, label, brochures and decorating products on art paper, coated paper, offset paper, cardboard, etc., especially suitable for single-color and multi-color printing. |

| ITEM/TYPE | TACK VALUE | FLUIDITY (mm) | PARTICLE SIZE (µm) | SETTING TIME (min) | DRYING TIME (hr) | SKINNING TIME (hr) |
|--------------------------|--|---------------|--------------------|--------------------|------------------|--------------------|
| F YELLOW | 6-7 | 35±1 | 15 | 4 | < 10 | >15 |
| F MAGENTA | 5.5-6.5 | 34±1 | 15 | 4 | < 10 | >15 |
| F CYAN | 6.5-7.5 | 35±1 | 15 | 4 | < 10 | >15 |
| F BLACK | 7-8 | 35±1 | 15 | 4 | < 10 | >15 |
| Tack Value | The value is measured in 1 minute by inkometer at 32°C and 400rpm. | | | | | |
| Set Time | Printing adapter, 157g art paper, the volume of ink-coating can be up to 0.125cc | | | | | |
| Condition of test | Room temperature 25°C, humidity 65%-75% | | | | | |

| ITEM/TYPE | Light Resistance | Heat Resistance | Acid Resistance | Alkaline Resistance | Alcohol Resistance | Soap Resistance |
|-----------------------|-------------------|-----------------|-----------------|---------------------|--------------------|-----------------|
| F YELLOW | 4 | 5 | 5 | 4 | 4 | 4 |
| F MAGENTA | 3 | 5 | 5 | 5 | 4 | 5 |
| F CYAN | 7 | 5 | 5 | 5 | 5 | 5 |
| F BLACK | 7 | 5 | 5 | 5 | 5 | 5 |
| Light Fastness | 1-8 (weak-strong) | | | | | |
| Others | 1-5 (weak-strong) | | | | | |

Hangzhou EcooGraphix Digital Technology Co, Ltd.

Add: Room 708, Tianheng Building, No.1509 Binsheng Rd, Binjiang District, Hangzhou, China

Tel: 0086 0571-87391001 Fax: 0086 0571-81391066

E-mail: info@ecoographix.com Website: www.ecoographix.com